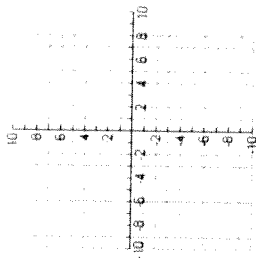
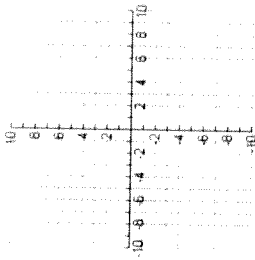
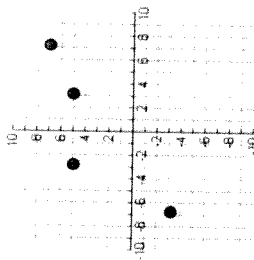


Understanding Relations – Multiple Representations

Name _____

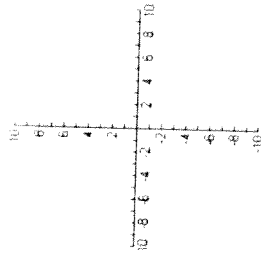
Complete the chart.

Number	Table	Ordered Pair	Graph	Mapping												
1.	<table><tr><th>x</th><th>y</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	x	y													<div>Input</div> <div><div>1</div><div>2</div><div>3</div><div>4</div></div> <div>Output</div> <div><div>1</div><div>5</div><div>9</div></div>
x	y															
2.	<table><tr><th>x</th><th>y</th></tr><tr><td>3</td><td>1</td></tr><tr><td>3</td><td>4</td></tr><tr><td>3</td><td>-3</td></tr><tr><td>3</td><td>-5</td></tr><tr><td>3</td><td>7</td></tr></table>	x	y	3	1	3	4	3	-3	3	-5	3	7			
x	y															
3	1															
3	4															
3	-3															
3	-5															
3	7															
3.	<table><tr><th>x</th><th>y</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	x	y													
x	y															

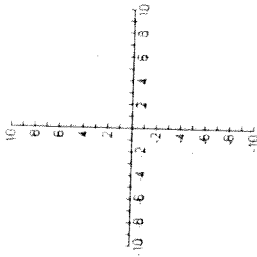
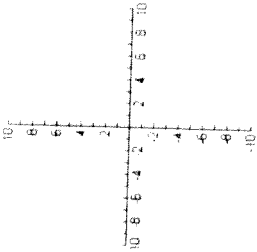
4.

x	y

$\{(2, -4), (3, -5), (4, -6), (5, -7), (6, -8)\}$



Complete the Chart using the equation.

Number	Equation	Table	Ordered Pair	Graph	Mapping												
1.	$y = 7 - x$	<table><tr><td>x</td><td>y</td></tr><tr><td>2</td><td></td></tr><tr><td>1</td><td></td></tr><tr><td>0</td><td></td></tr><tr><td>-1</td><td></td></tr><tr><td>-2</td><td></td></tr></table>	x	y	2		1		0		-1		-2				
x	y																
2																	
1																	
0																	
-1																	
-2																	
2.	$y = x + 3$	<table><tr><td>x</td><td>y</td></tr><tr><td>2</td><td></td></tr><tr><td>1</td><td></td></tr><tr><td>0</td><td></td></tr><tr><td>-1</td><td></td></tr><tr><td>-2</td><td></td></tr></table>	x	y	2		1		0		-1		-2				
x	y																
2																	
1																	
0																	
-1																	
-2																	